

METHODS, SYSTEMS AND COMPUTER PROGRAM PRODUCTS FOR
PORT ASSIGNMENTS OF MULTIPLE APPLICATION INSTANCES USING
THE SAME SOURCE IP ADDRESS

Related Applications

✓✓ 5 The present application is related to commonly
assigned and concurrently filed United States Patent
Application Serial No. ^{09/862,648} ~~648~~, entitled "METHODS, SYSTEMS
AND COMPUTER PROGRAM PRODUCTS FOR SOURCE ADDRESS
SELECTION" (Attorney Docket No. 5577-234), the disclosure
of which is incorporated herein by reference as if set
forth fully herein.

10 Field of the Invention

The present invention relates to network
communications and more particularly to network
communications to a cluster of data processing systems.

15 Background of the Invention

20 The Internet Protocol (IP) is a connectionless
protocol. IP packets are routed from an originator
through a network of routers to the destination. All
physical adapter devices in such a network, including
those for client and server hosts, are identified by an
IP Address which is unique within the network. One
valuable feature of IP is that a failure of an
intermediate router node or adapter need not prevent a